

Summary of 2016 Ozone Data and QC Completeness

As part of the 2016 data certification packet WDNR is submitting this formal summary to address each site/parameter that did not meet data completeness requirements or lacked required QA/QC data in AQS at the time of data certification and which therefore caused the reports to indicate a criteria in the warning or critical range. Thresholds used for identifying items to include in this report include:

- Any quarterly completeness < 75% based on the AMP430 report (valid observations/expected observations)
- Any QC indicator in the warning or critical ranges identified on the AMP600 report
 - Special Note on 1-point QC checks: The AMP600 report generally gives credit for fewer checks than WDNR accounting of checks. This is due to a discrepancy in how the AMP600 creates date bins (two week periods based on the 1st day of the year or season) versus how WDNR creates date bins (two week periods based on Sunday to Sunday two week periods) for determining biweekly periods within which checks must fall to be credited. As a result the AMP600 report typically credits fewer checks than WDNR does using its methodology.

Data Completeness

AQS	Parameter	POC	Quarterly Completeness	Discussion
NA	Ozone			• No completeness issues (quarters <75%) identified for ozone network

QC Criteria in Warning/Critical Range

AQS	Parameter	POC	Criteria	Discussion
NA	Ozone			• No QC Criteria in Warning/Critical Range

WDNR Criteria Pollutant QAPPs

Criteria Pollutant	QAPP Approval Date
Ozone	07/28/2016